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B. Horwitz, K. Amunts, R. Bhattacharyya, D. Patkin, K. Jeffries, K. Zilles and A.R. Braun — 1868 Activation of Broca's area during the production of spoken and signed language: a combined cytoarchitectonic mapping and PET analysis

L. Rami, A. Gironell, J. Kulisevsky, C. García-Sánchez, M. Berthier and A. Estévez-González — 1877 Effects of repetitive transcranial magnetic stimulation on memory subtypes: a controlled study

J. Ventre-Dominey, N. Nighoghossian and P. Denise — 1884 Evidence for interacting cortical control of vestibular function and spatial representation in man

J. Gisselgård, K.M. Petersson, A. Baddeley and M. Ingvar — 1899 The irrelevant speech effect: a PET study

P.S. Wallace and I.Q. Whishaw — 1912 Independent digit movements and precision grip patterns in 1–5-month-old human infants: hand-babbling, including vacuous then self-directed hand and digit movements, precedes targeted reaching

C.E. Myers, D. Shohamy, M.A. Gluck, S. Grossman, S. Onlaor and N. Kapur — 1919 Dissociating medial temporal and basal ganglia memory systems with a latent learning task

F.M. Gunning-Dixon and N. Raz — 1929 Neuroanatomical correlates of selected executive functions in middle-aged and older adults: a prospective MRI study

C. Lemer, S. Dehaene, E. Spelke and L. Cohen — 1942 Approximate quantities and exact number words: dissociable systems

N.R. Horn, M. Dolan, R. Elliott, J.F.W. Deakin and P.W.R. Woodruff — 1959 Response inhibition and impulsivity: an fMRI study

J. Saltzman-Benaiah, K. Scott and M.L. Smith — 1967 Factors associated with atypical speech representation in children with intractable epilepsy

C. Cantalupo, D.L. Pilcher and W.D. Hopkins — 1975 Are planum temporale and sylvian fissure asymmetries directly related? A MRI study in great apes

Erratum

M.J. Cortese, D.A. Balota, S.D. Sergent-Marshall and R.L. Buckner — 1982 Erratum to "Spelling via semantics and phonology: exploring the effects of age, Alzheimer's disease, and primary semantic impairment" [Neuropsychologia 41 (2003) 952–967]

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